## CONFIDENTIAL: To be treated as strictly confidential until released for publication as follows -

WEDNESDAY, 26TH JULY, 1939.

MORNING PAPERS .. THURSDAY, 27TH JULY, 1939.

### EMPLOYMENT AND UNEMPLOYMENT - JUNE QUARTER, 1939.

The latest available statistics, from various sources, which offer some indication of the movement of Employment and Unemployment throughout Australia have been issued by the Commonwealth Statistician (Dr. Roland Wilson).

Employment in Factories. The number of persons employed in Australian factories in 1937-38 was 24% greater than in the pre-depression year of 1928-29, and 7% greater than in the year 1936-37. When the growth in employee population is taken into account, the 1937-38 index number was 11% greater than the 1928-29 index and 6% greater than the index for 1936-37.

During 1937-38 the latter index rose steadily for the first six months, and after the seasonal fall in January, 1938 reached the peak (14% above the 1928-29 index) for the recovery period in March, 1938. It declined slightly in the closing months of 1937-38 to a level about 7% higher than the average for 1936-37. Although this index has remained fairly constant during 1938-39, the May figure is slightly below the average for 1937-38.

A comparison of factory employment in May, 1939 (the latest month for which figures are available for all States) with May, 1938, shows the following estimated percentage changes:- New South Wales, -3.1; Victoria, -4.5; Queensland, +2.6; South Australia, -4.9; Western Australia, -1.8; Tasmania, +0.8; Australia, -2.4 (or taking account of the growth of employee population, -4.4).

Employment in Retail Stores. The index number for Australia for the year 1937-38 indicates a 28% increase in employment since July, 1933 (the first date for which figures are available), and a 2% increase since 1936-37. When the growth of employee population is taken into account the increases are 22% since July, 1933 and 2% since 1936-37. For the twelve months ended May, 1939, this latter index showed a slight improvement over the corresponding period ended May, 1938, but for each of the three months ended May, 1939, the indexes were slightly below those for the corresponding months of 1937-38.

A comparison of employment in retail stores in May, 1939 (the latest month for which figures are available for all States) with May, 1938, shows the following estimated percentage changes:- New South Wales, +1.6; Victoria, nil; Queensland, +1.8; South Australia, -2.6; Western Australia, -1.7; Tasmanis, +6.3; Australia, +0.8 (or, taking account of the growth of employee population, -0.8).

MONTHLY

### MONTHLY INDEX OF FACTORY EMPLOYMENT - EXCLUDING WORKING PROPRIETORS (a)

(<u>Base: Average for year 1928-29 = 100</u>)

							Austr	alia	
Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Unadjusted Index	Index di- vided by Index of Employee Population	
Number of Employees, 1928-29	M.129,539; F. 44,581; T.174,120	M. 98,068 F. 51,198 T.149,266	F. 7,855;			M.7,703; F.2,281; T.9,984	M.315,944; F.116,037; T.431,981	••	
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	
Index for 1926-27 1927-28 1928-29 1929-30 1930-31 1931-32  1932-33 1933-34 1934-35 1935-36 1936-37 1937-38		100     98     100       100     100     100       96     98     97       78     83     80       77     90     81       87     101     92       96     107     100       106     113     108	101     92     99       100     100     100       95     94     94       83     85     84       78     84     79       80     92     82       86     99     88       92     105     94       97     110     99       103     116     106		98 97 98 100 100 100 94 98 94 68 76 69 61 75 63 68 81 70 75 85 77 83 92 85 99 106 100 107 113 108	107 104 106 100 100 100 105 99 104 85 83 84 84 87 85 86 90 87 93 89 92 101 97 100 112 103 110	100   98   100   100   100   100   92   95   93   73   79   75   70   84   74   78   93   82   86   99   90   96   108   100   107   116   109   114   121   116	106     102     105       102     100     102       100     100     100       91     93     92       71     76     72       68     80     71       74     87     77       81     92     84       89     99     92       98     105     100       104     108     105       111     113     111	
1937 - May June July (a) August September	117 128 120 117 128 120 118 131 121	126 120 124 126 121 124 126 123 125	105 116 107 109 115 110 113 117 114 116 122 117 117 124 118	119 116 118 118 113 117 118 115 117	107 110 108 106 107 106 108 111 108	123 104 119 121 103 117 122 103 118	119 122 120 119 122 120	107 108 108 108 108 108 108 111 109	

# MONTHLY INDEX OF FACTORY EMPLOYMENT - EXCLUDING WORKING PROPRIETORS (Continued)

			T	All quo quin qui ca		-	- armanaga atta dipa hadagi o							i					A	ustr	alia		
Period		New South Wales		Victoria		Queensland		South Australia		Western Australia			Tasmania		a		djus ndex	- 1	vid Ind Emp	lex d led b lex o oloye oulat	of e		
	M	F. T	. M.	F.	Т.	M.	F.	т.	М.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1937 - October November December	122 1	34 124 35 125 37 126	132	128	131	117	127	118	120	120	120	110	119	112	131	101	124	124	130	125		115	112 112 113
1938 - January February March April May June	122   1   123   1   122   1   123   1	28   123 35   123 38   123 37   123 37   123 36   123	134 7 136 6 135 7 134	130 133 130 127	133 135 134 132	107 111 111 113	124 125 122 123	110 113 113 115	124 124 125 121	126 130 129 124	124 125 125 122	111 113 112 111	118 117 118 117	112 114 113 112	137 137 134 133	116 120 111 112	132 133 129 128	124 126 125	131 133 132 130	126 128 127 126	111 113 112 112	115 117 116	112 114 113 113
July (b) August September October November December	Not avail-	12 12 12 12 12 12 12	5 128 5 126 5 127 6 128 6 129 6 128	121 125 125 123 122 117	125 126 126 126 127 124	115 120 122 119 118 119	118 121 124 130 128 127	115 120 122 121 120 121	112 109 113 114 116 115	109 116 120 122 122 120	111 110 114 115 117 116	107 106 106 108 110 112	111 114 114 118 119 120	107 108 107 110 112 113	128 129 127 130 131 131	112 113 107 105 101 104	124 125 122 124 124 125	122 121 122 123 123 124	124 128 128 128 127 124	122 123 124 124 124 124	109 109 109 110 110	112 112 119 110 108	110 110 110 110
1939 - January February March April May		12	1 125 3 126 5 127 4 127 3 129	119 124 128	124 126 127	109	127 130 125	112 114 114	121 121 118	123 128 120 118	121 122 118	107 110 108	118 119 118 120	109 112 110	140 138 137	131 120 126 122	138 134 134	121 121 120	125 129 131	122 123 123 123	108 108 107 108	109 112 114	108 109 109
Number of Factories in Sample	1	901		100			150	SECULO SE	-	147	and analysis of the	92		49			2439			Library code; Johnson			
Percentage of employees in sample in 1937-38	Congression and an age of the contract of	86	ಕ್ರಾನಿಗಳ ಕೊಳ್ಳಲ್ಲಿ ಅವು ಪ್ರಾವಿ	21	commit to a president	, and the same of	46	ESCATI COMOTIVA		62	user and ever	Salan actor en romenos co co	32	2 56			54		54		and the same of th	SEEDS CONT	

<sup>(</sup>a) The indexes for 1937-38 are based on the final factory returns. From July, 1938, the indexes have been computed on the basis of the 1937-38 final figures.

<sup>(</sup>b) After June, 1938, indexes are based on sample returns, and male and female indexes for Australia are calculated on the assumption that the change in masculinity in the six States is equal to the change in the five States other than New Scuth Wales for which State sample masculinity figures are not available.

# MALES EMPLOYED IN FACTORIES AS PERCENTAGE OF ALL PERSONS EMPLOYED IN FACTORIES

		COMP WHICH AND AND STREET STREET STREET, THE SECOND STREET, WHITE STREET	THE WORLD STORY ST	APPEN : THE PROPERTY COURSE ASSESS ASSESS ASSESS ASSESSMENT	-	The desire shall be desired in the second state of the second	1
	New		Queens-	South	Western	Tas-	AHODDATTA
Year	South	Victoria	land	Aus-	Aus-	mania	AUSTRALIA
THE PERSON WHEN PE	Wales	THEFT IS NOT THE REAL OF MATERIAL RESIDENCE AND AND ADDRESS OF THE	COLT 2 Galler Cree and with a service and a	tralia	tralia		
1926-27	74.8	66.3	83.8	82.4	81.7	80.2	73.8
1927-28	74.8	66.2	83,2	82.0	81.2	77.6	73.6
1928-29	74.4	65.7	81.9	82.0	81.0	77.2	73.1
1929-30	74.1	65.1	81.9	81.7	80.3	78.2	72.7
1930-31	72.6	64.4	81.6	80.2	79.3	77.5	71.5
1931-32	70.7	62.1	80.8	78,6	77.6	76.6	69.5
1932-33	71.0	62.2	79.8	78.5	78.2	76.4	69.4
1933-34	71.5	63.2	79.7	79.8	78.9	77.9	70.2
1934-35	71.8	64.1	79.7	80,8	79.4	78.0	70.8
1935-36	72.2	65.3	80.0	81.2	80.1	78.6	71.5
1936-37	72.2	66.1	80.1	81.6	80.3	80.0	72.0
1937-38	72.4	66.6	80.6	81.9	80.2	80.3	72.3
1937 -							
May	72.3	66.6	80.3	82.3	80.5	80.3	72.3
June	72.7	66.8	81.2	82.4	80.6	80.0	72.7
July	72.7	66.6	81,4	82.6	80.9	79.8	72.6
August	72.4	66.3	81.2	82.3	80.6	80.0	72.4
September	72.2	66.1	81.1	82.0	80.1	81.1	72.2
October	72.3	66.3	80.8	81.8	79.9	80.9	72.2
November	72.3	66.4	80.7	82.0	79.8	81.4	72.2
December	72.2	66.7	80.2	82.4	80.0	81.3	72.3
1938 -							
January	73.4	67.8	79.8	82.3	80,3	80.0	73.1
February	72.4	66.3	79.6	81.7	80.1	79.9	72.0
March	72.2	66.2	80.0	81.4	80.4	79.4	72.0
April	72.1	66.6	80.4	81.6	80.2	80.2	72.1
May	72.3	66.8	80.6	81.7	80.2	80.0	72.3
June	72.6	66.9	80.8	81.7	80.2	79.8	72.5
July (a)	n.a.	67.0	81.5	82.3	80.5	79.4	(b)72.7 72.0
August	n.a.	66.0	81.8	81.1	79.8	80.1	72.1
September	n.a.	66.1	80.6	80.9	79.7	80.7	72.3
October November	n.a.	66.9	80.7	81.2	79.7	81.4	72.5
December	n.a.	67.8	81.0	81.4	79.9	81.0	73.2
1020							
1939 -	l n a	69.2	79.8	81.5	80.0	79.7	73.8
January February	n.a.	67.0	79.6	81.8	79.5	78.3	72.3
March	n.a.	66.1	79.4	81.2	79.8	79.5	71.8
April	n.a.	65.5	80,1	81.7	79.7	78.5	71.4
May	n.a.	67.3	80.5	81.7	79.4	80.1	72.7
Marie A	TI COLD	AND THE CONTROL OF STREET STREET STREET, SALES AND STREET, SALES AND STREET, SALES AND	not avail	स्थातीरम्बाराज्य-बारमास्य (३८)तः शास्त्रक-स्थाताव्य शतराः गावानार व्यवसार स्थाना	TI (percent perspanyon) di sentena madawa na manamatah masawa manamanan	and anticomplete spacetiment server autita grandustration	

n.a. not available.

Note: This table has been revised to exclude working proprietors.

- (a) From July, 1938, the percentages are based on estimates computed from returns from "sample" factories.
- (b) From July, 1938, the percentage for Australia is calculated on the assumption that the change in masculinity in the six States is equal to the change in the five States, other than New South Wales, for which sample masculinity figures are not available.

### MONTHLY INDEX OF EMPLOYMENT IN RETAIL STORES

(Base: July, 1933 = 100)

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							tralia	
Month	New South Wales	Vic- toria	Queens- land	South Aus- tralia	Western Aus- tralia	Tas- mania	Unad- justed Index	Index di- vided by Index of Employee Population
Index for - 1933-34 1934-35 1935-36 1936-37 1937-38	103 111 118 124 130	107 118 130 137- 141	101 106 109 111 112	102 108 114 115 115	99 105 110 115 116	106 108 112 119 118	104 112 119 125 128	103 110 116 120 122
1937 - May June July August September October November December	126 126 129 126 126 127 129 144	138 141 137 133 135 140 143 161	111 110 110 110 110 110 110	114 115 112 117 113 115	113 115 113 113 114 116 126	121 124 121 123 123 123 125	126 126 127 124 125 127 129 144	120 121 121 118 119 121 123 137
January February March April May June July August September October November December	128 131 128 129 129 131 134 129 128 129 132 148	144 139 140 140 141 142 139 135 137 142 146	111 110 112 112 113 111 111 111 110 115 127	115 112 113 114 114 114 112 118 113 116 124	122 116 115 117 115 114 120 113 114 115 116	126 124 123 125 126 126 130 137 128 130 146	129 128 127 128 128 129 129 126 127 128 131	123 122 121 121 122 122 123 119 120 121 124 139
1939 - January February March April May	129 134 129 129 131	142 141 139 139 141	113 113 113 112 114	111 112 111 111 111	120 113 113 113 113	137 131 132 133 134	129 130 127 127 129	121 122 120 120 121
Number of establishments now furnishing returns	599	102	120	35	69	14	939	939

### INDEXES OF EMPLOYMENT IN NEW SOUTH WALES AND QUEENSLAND.

Working from the basis of the results of the Census of 30th June, 1933, and from compilations made from returns of employers in remitting wages tax and returns collected from Government Departments, the Government Statistician of New South Wales has prepared an index of employment and unemployment covering all persons dependent on employment in New South Wales. The Director of the Bureau of Industry of Queensland publishes an index of employment and unemployment among men wage and salary earners. The data for this index are derived from information relating to Unemployment Insurance contributions and other sources. The results are given below -

### NEW SOUTH WALES

Percentages of Employment and Unemployment - All available wage-earners (a) Including and (b) Excluding as employed the full-time equivalent of men engaged part-time on relief works.

			age of all who		ent on			
Period	the full-time of all parts	g as employed me equivalent -time relief kers	(b) Including all part time relief worker as unemployed					
and converged were stated with stated stated with refer often stated to the stated to	igan attanatika wila dagipatin agagangan atna gasunsuw asaw	Employed	Unemployed	mployed Employed Unemp				
Census of 30th June, 1	933	74.4	25.6	73.5	26.5			
1935 - June 1936 - June 1937 - June 1938 - May June July August September October November December 1939 - January February March April		80.5 85.9 89.3 93.5 95.8 96.1 95.9 95.3 95.4 95.6 96.5 94.4 94.2 94.6 94.3	19.5 14.1 10.7 6.5 4.2 3.9 4.1 4.7 4.2 4.6 4.4 3.5 7.0 5.6 5.8 5.4 5.7	77.8 83.1 87.1 92.3 94.8 95.1 94.9 94.2 94.8 94.6 95.4 91.9 93.3 93.2 93.5 93.3	22.2 16.9 12.9 7.7 5.2 4.9 5.1 5.8 5.2 5.7 5.4 4.6 8.1 6.7 6.8 6.5 6.7			

The indexes were revised in November, 1937. In estimating the increase in the number of persons dependent on employment allowance is now made for (a) increase in the proportion of females who are wage-earners, and (b) youths who were without occupation but were not recorded in the wage-earning group at the Census of 1933. Adjustment for seasonal variations in employment is not made except in respect of casual retail employees in December.

At the Census of 30th June, 1933, 15,142 persons dependent on employment returned themselves as unemployed by reason of illness, accident, etc. or "voluntarily". This number, representing 1.8 per cent. of all persons dependent on employment is excluded from the above indexes, which relate to percentages of available wage-earners, employed and unemployed.

The approximate number of persons in private employment was 478,000 in June, 1933; 653,000 in June, 1937; 689,000 in June, 1938; and 683,000 in May, 1939.

QUEENSLAND
Employment and Unemployment among Wen Wage and Salary Farners

	The same of the sa	TO THE TOTAL STREET AND STREET AN	Lary Earners	
	(a) Including the full-time of part-time ker	as employed le equivalent relief wor-	mittent F	ling "Inter- Relief Wor- unemployed
	Employed	Unemployed	Employed	Unemployed
1935 - 1936 - 1937 -	79.0098323479005282357 99.05282357	21.00 15.01 10.1 8.2 5.7 4.8 4.7 4.6 4.3 4.1 4.0 4.5 4.8 5.2 4.8 5.2 4.7 4.8	72.9 80.2 85.2 86.4 90.5 91.6 91.7 91.8 92.1 92.5 92.8 93.2 93.7 94.6 94.7 95.4	27.1 19.8 14.8 13.6 9.5 8.4 8.3 8.2 7.9 7.5 7.2 6.8 6.3 6.0 5.4 5.3 4.6

The above table is in terms of full-time employment and unemployment. Normal seasonal variation is excluded. Allowance is made for the nett growth in the number of men dependent on employment. The approximate number of men in employment for the three months ended April, 1939, excluding relief workers, was 182,000.

### TASMANIA : EMPLOYMENT.

The following table compiled from the wages tax returns of private employers in respect of their employees, whether subject to or not subject to tax, and from returns of Commonwealth, State and Local Government employment, gives the best measure available of the course of total employment in Tasmania.

Period		Private Industr		Aı	Public uthoriti	.es	Total Employment Public and Private			
	М.	F.	Total	M.	F.	Total	M.	F.	Total	
1936 <b>-</b> 37 1937 <b>-</b> 38	30,858	9,522	40,380	10,798	1,763 1,825	12,561 12,406	41,656 44,582	11,285	52,941 57,092	
1937-38 - March April May June	36,017 35,619 34,645 32,967	11,940 11,255 10,919 10,675	47,957 46,874 45,564 43,642	10,702 10,546 10,807 10,651	1,831 1,841 1,863 1,866	12,533 12,387 12,670 12,517	46,719 46,165 45,452 43,618	13,771 13,096 12,782 12,541	60,490 59,261 58,234 56,159	
1938-39 (a) - July August September October November December January February March April May	34,465 34,665 34,663 35,661 37,366 38,259 37,455 38,236 40,928 38,211 38,253	10,806 10,888 10,981 10,522 11,131 11,795 12,141 12,257 12,368 11,726 11,419	45,271 45,553 45,644 46,183 48,497 50,054 49,596 50,493 53,296 49,937 49,672	10,591 10,667 10,593 10,701 10,561 10,728 10,249 10,624 10,637 10,167 10,111	1,873 1,863 1,875 1,879 1,879 1,843 1,787 1,893 1,903 1,895 1,911	12,464 12,530 12,468 12,580 12,440 12,571 12,036 12,517 12,540 12,062 12,022	45,056 45,332 45,256 46,362 47,927 48,987 47,704 48,860 51,565 48,378 48,364	12,679 12,751 12,856 12,401 13,010 13,638 13,928 14,150 14,271 13,621 13,330	57,735 58,083 58,112 58,763 60,937 62,625 61,632 63,010 65,836 61,999 61,694	

(a) See Note 2 below.

#### NOTES.

- nay be regarded as providing a virtually complete record of total employment. They are a combination of monthly figures received currently and annually, covering both private and public employment. They are deficient only to the inappreciable extent that some relief and other intermittent workers and domestic workers in private homes are not covered by the monthly returns. On the other hand, to the extent that they embrace the majority of workers subject to intermittent employment over the whole year, they reflect fully the seasonal and all other influences upon employment in Tasmania.
- 2. For the months of the present financial year the figures are estimates based upon the current monthly movements of all public authority employment and of about 44 per cent. of total private employment. For a given month the figure of total private employment of the corresponding month of the previous year is changed in the ratio of the change of the current figure of private employment. The indication of the position for all employment in Tasmania given by this technical procedure must be read in the light of other indications of current change.

# UNEMPLOYMENT QUARTER ENDED JUNE, 1939.

The figures relating to unemployment among members of Trade Unions are, similarly to those published in the past, derived from returns furnished by Trade Unions.

The percentages of recorded unemployment among members of reporting Trade Unions for Australia as a whole are given below for the June quarter of 1932, when unemployment was at its maximum and for each quarter from June, 1934 onwards -

#### AUSTRALIA

1932	-	June quart	cer	30.0	per	cent.
1934	_	June quart	ser	20.9	11	11
		September	ti	20.4	11	11
		December	II .	18.8	11	11
1935	-	March quan	rter	18.6	11	11
		June	77	17.8	11	11
		September	11	15.9	11	11
		December	**	13.7	11	11
1936	-	March quar		13.4	11	11
		June	11	12.8		11
		September	17	12.0	11	11
		December	17	10.7	11	11
1937	-	March quar	rter	9,9	11	11
1001		June	11	9.7	11	11
		September	11	9.3	11	11
		December	11	8.2	11	11
1938	-	March quan	rter	8.0	**	11
		June	11	8.6	11	11
		September	11	9.2	**	11
	1	December	11	8.9	11	tt
1030		March quar	at an	9.8	11	tt
1909	-	June	11	9.7	11	11
		o une		201		

It should be noted that the figures refer to the mid-month of each quarter, and represent the conditions at the middle of that month. Consequently, the latest figures referred to herein relate to the middle of May, 1939.

Following the peak point (30 per cent.) in unemployment attained in the June quarter of 1932 the percentage dropped continuously to 8 per cent. in the March quarter of 1938, the lowest figure since August, 1927, when it was 6.7 per cent. After March, 1938, the index commenced to rise again, but has held at about 9.7 per cent. during 1939.

The usual tables for Trade Union Unemployment are appended.

### AUSTRALIA

Number and Membership of Trade Unions Reporting and Number and Percentage of Unemployed - March quarter, 1929 to June quarter, 1939.

Australia	March Quarter 1929	June Quarter 1932		June Quarter 1938	Septem- ber Quarter 1938	ber	IVICE CIT	June Quarter 1939
Number of Unions Membership Unemployed -	 375 420,304	396 413,272		386 463,748		395 471 <b>,</b> 121	395 475,378	395 478,250
Number Percentage	 39,159 9.3	123,948	106,502	39,464	42,732	41,667 8.9	46,611 9.8	46,249

#### STATES

### Percentage of Members of Trade Unions Reported as Unemployed in each State - March quarter, 1929 to June quarter, 1939.

State	March Quarter 1929	June Quarter 1932	June Quarter 1933	June Quarter 1938	Septem- ber Quarter 1938	Decem- ber Quarter	March Quarter 1939	June Quarter 1939
	%	%	%	%	%	%	%	7.
New South Wales	9.7	33,2	29.6	9,8	10.0	10.1	11.0	11.1
Victoria	8.6	27.7	23.0	8.5	9.7	9.0	10.8	10.4
Queensland	7.1	19.9	15.6	7.2	6.3	5.7	6.1	5.7
South Australia	13.2	35.2	30.0	7.5	10.0	8.8	9.3	9.5
Western Australia	8.5	30.3	26.0	5.3	6.1	6.5	7.3	6.2
Tasmania (a)	10.9	27.5	18.4	7.2	8.5	10.2	7.6	9.4
AUSTRALIA:	9.3	30,0	25.7	8,6	9.2	8.9	9.8	9.7

(a) Revised Series. These percentages, which replace those hitherto published, are based on the returns of reporting unions after excluding certain females from Class III (Food, drink, etc.). The females excluded, although substantially all employed from January to March, are for the rest of the year not "unemployed" in the sense that they are seeking jobs unseccessfully in their own industry. They are either employed in other occupations (e.g. paid domestic service) or are engaged in home duties.

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ROLAND WILSON Commonwealth Statistician

Commonwealth Bureau of Census and Statistics,

CANBERRA. A.C.T. 26th July, 1939.